

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/771,831-Conf. #3952
Filing Date	February 4, 2004
First Named Inventor	Anthony A. Alda
Art Unit	2183
Examiner Name	Not Yet Assigned

## ENCLOSURES (Check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Drawing(s) <b>3 sheets</b>	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Combined Declaration and Power of Attorney
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	Formal Drawing
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	Part 2 Copy of Notice
<input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application and Petition	Remarks	Return Receipt Postcard
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

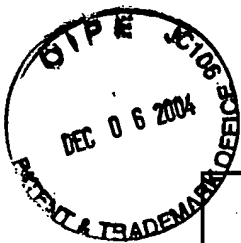
Firm Name	EDWARDS & ANGELL, LLP		
Signature	<i>George Chaclas</i>		
Printed name	George N. Chaclas		
Date	December 3, 2004	Reg. No.	46,608

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: December 3, 2004

Signature:

*George Chaclas* (George Chaclas)



Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL**  
**for FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** 65.00**Complete if Known**

Application Number 10/771,831-Conf. #3952

Filing Date February 4, 2004

First Named Inventor Anthony A. Alda

Examiner Name Not Yet Assigned

Art Unit 2183

Attorney Docket No. 607891(50660)

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:

Deposit Account Number

04-1105

Deposit Account Name

Edwards &amp; Angell, LLP

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	65.00
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	490	2502	245	Design issue fee	
1503	660	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	130.00
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37CFR 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)** 195.00**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

**SUBTOTAL (1) (\$)** 0.00**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	** =	x	=
Multiple Dependent	** =	x	=

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	88	2201	44	Independent claims in excess of 3
1203	300	2203	150	Multiple dependent claim, if not paid
1204	88	2204	44	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) (\$)** 0.00

\*\*or number previously paid, if greater; For Reissues, see above

**SUBMITTED BY**

(Complete if applicable)

Name (Print/Type)	George N. Chaclos	Registration No. (Attorney/Agent)	46,608	Telephone	(401) 276-6653
Signature	<i>George Chaclos</i>	Date	12/3/2004		

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: 12/3/2004

Signature: *George Chaclos* (George Chaclos)

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

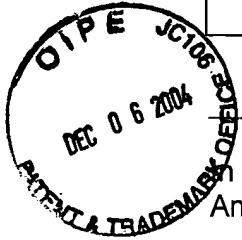
Dated: 12/3/2004

Signature:

*George Chaclos*  
(George Chaclos)

Docket No.: 60789US1(50660)  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



In re Patent Application of:  
Anthony A. Alda et al.

Application No.: 10/771,831

Filed: February 4, 2004

For: METHOD AND APPARATUS FOR  
CONVERTING OBJECTS BETWEEN  
WEAKLY AND STRONGLY TYPED  
PROGRAMMING FRAMEWORKS

Confirmation No.: 3952

Art Unit: 2183

Examiner: Not Yet Assigned

**RESPONSE TO NOTICE TO FILE MISSING PARTS AND PETITION**

MS Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Missing Parts of Application – Filing Date  
Granted mailed October 15, 2004, Applicants respectfully submit a Combined  
Declaration and Power of Attorney, Formal Drawings (Figures 2B, 2C, 71A and 71B; 3  
pages), Part 2 Copy of Notice, Fee Transmittal and This Petition.

Figures 71A and 71B are attached hereto on replacement sheets to address  
the informality of the figure numbering and harmonize the figures with the  
corresponding description in the specification.

12/07/2004 EAREGAY1 00000114 041105 10771831

01 FC:1464 130.00 DA

Petition

Applicants hereby contend that Figures 2B and 2C, which were identified as omitted, were deposited in the subject application as originally filed on February 4, 2004. As evidence of same, the Applicants attach hereto a copy of the return receipt postcard as stamped by the U.S. Patent and Trademark Office as receipt of 161 sheets of formal drawings, the fourth of which included Figures 2A and 2B. In view of this, Applicants respectfully request reimbursement of the petition fee (\$130) transmitted herewith. Consequently, Figures 2B and 2C are attached hereto for proper entry in the subject application.

Alternatively, if the petition is not accepted, please enter Figures 2B and 2C into the subject application by Amendment. Applicants note that this is not new matter as the same figures are present in the priority provisional patent application that was incorporated by reference in its entirety.

Please charge our Deposit Account No. 04-1105 in the amount of \$195.00 covering the fees set forth in 37 CFR 1.16(e) and 1.17(h). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1105, under Order No. 607891(50660).

Dated:

Respectfully submitted,

By 

George N. Chaclas

Registration No.: 46,608

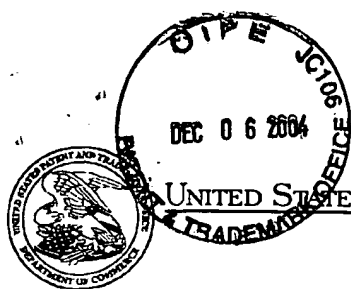
EDWARDS & ANGELL, LLP

P.O. Box 55874

Boston, Massachusetts 02205

(401) 276-6653

Attorney for Applicant



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/771,831	02/04/2004	Anthony Arthur J. Alda	60789 US-1 (50660)

CONFIRMATION NO. 3952

George N. Chacras  
Edwards & Angell, LLP  
P.O. Box 5587  
Boston, MA 02205

FORMALITIES LETTER



\*OC000000014098847\*

Date Mailed: 10/15/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

**Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - More than one figure is present and each figure is not labeled "Fig." with a consecutive Arabic numeral (1, 2, etc.) or an Arabic numeral and capital letter in the English alphabet (A, B, etc.)(see 37 CFR 1.84(u)(1)). See Figure(s) 71B.

The following item(s) appear to have been **omitted** from the application:

- Figure(s) **2B-C** described in the specification.

I. Should applicant contend that the above-noted omitted item(s) was in fact deposited in the U.S. Patent and Trademark Office (USPTO) with the nonprovisional application papers, a copy of this Notice and a petition (and \$130.00 petition fee (37 CFR 1.17(h))) with evidence of such deposit **must** be filed within **TWO MONTHS** of the date of this Notice. The petition fee will be refunded if it is determined that the item(s) was received by the USPTO.

12/07/2004 EAREGAY1 00000113 041105 10771831

01 FC:2051 65.00 DA

II. Should applicant desire to supply the omitted item(s) and accept the date that such omitted item(s) was filed in the USPTO as the filing date of the above-identified application, a copy of this Notice, the omitted item(s) (with a supplemental oath or declaration in compliance with 37 CFR 1.63 and 1.64 referring to such items), and a petition under 37 CFR 1.182 (with the \$130.00 petition fee (37 CFR 1.17(h)) requesting the later filing date **must** be filed within **TWO MONTHS** of the date of this Notice.

Applicant is advised that generally the filing fee required for an application is the filing fee in effect on the filing date accorded the application and that payment of the requisite basic filing fee on a date later than the filing date of the application requires payment of a surcharge (37 CFR 1.16(e)). To avoid processing delays and payment of a surcharge, applicant should submit any balance due for the requisite filing fee based on the later filing date being requested when submitting the omitted items(s) and the petition (and petition fee) requesting the later filing date.

III. The failure to file a petition (and petition fee) under the above options (I) or (II) within **TWO MONTHS** of the date of this Notice (37 CFR 1.181(f)) will be treated as a constructive acceptance by the applicant of the application as deposited in the USPTO. **THIS TWO MONTH PERIOD IS NOT EXTENDABLE UNDER 37 CFR 1.136(a) or (b).** In the absence of a timely filed petition in reply to this Notice, the application will maintain a filing date as of the date of deposit of the application papers in the USPTO, and original application papers (*i.e.*, the original disclosure of the invention) will include only those application papers present in the USPTO on the date of deposit.

In the event that applicant elects not to take action pursuant to options (I) or (II) above (thereby constructively electing option (III)), amendment of the specification to renumber the pages consecutively and cancel incomplete sentences caused by any omitted page(s), and/or amendment of the specification to cancel all references to any omitted drawing(s), relabel the drawing figures to be numbered consecutively (if necessary), and correct the references in the specification to the drawing figures to correspond with any relabeled drawing figures, is required. A copy of the drawing figures showing the proposed changes in red ink should accompany with any drawing changes. Such amendment and/or correction to the drawing figures, if necessary, should be by way of preliminary amendment submitted prior to the first Office action to avoid delays in the prosecution of the application.

#### **SUMMARY OF FEES DUE:**

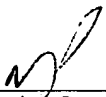
Total additional fee(s) required for this application is **\$65** for a Small Entity

- **\$65** Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

**Return Postcard – Non-Provisional Application (priority claimed)**

Mailing Date 2/4/04 Attorney/Sec GNC/baj  
 Client 50660 Docket No. 60789 US-1  
☒ Utility ☐ Design ☐ Provisional

**COPY**

The dating stamp of the Patent and Trademark Office hereon will be taken as the date of filing of:

APPLICANT(S) A. Alda, B. Bysouth, R. Trujeque, Z. Balsara, C. Ulrich, L. Bell, R. Christensen, .  
 A. Poystila, D. Rudd and S. Abdullah

TITLE METHOD AND APPARATUS FOR CONVERTING OBJECTS BETWEEN WEAKLY AND  
 STRONGLY TYPED PROGRAMMING FRAMEWORKS

No. of Pages Spec. 121 Claims 9 Abstract 1

Drawings 161 sheets ☒ formal ☐ informal

Transmittal Papers 16 pages ☐ Preliminary Amendment

☒ Declaration ☐ executed ☒ unexecuted ☐ Copy ☐ Will Follow

☐ Small Entity Form ☐ Copy ☐ Will Follow ☐ Certified Copy ☐ Will Follow

☐ Assignment ☐ Copy ☐ Will Follow ☐ Cover Sheet 22387 U.S. PTO

☐ Information Disclosure Statement ☐ PTO Form ☐ Refs 10/771831

Other

\$ 812.00 Fee Check ☒ is ☐ is not enclosed



020404

Due Date 2/4/04 Express Mail Label No. EU 515 452 748 US

*This return postcard is your unofficial filing receipt. Please check to ensure it received the correct date stamp from the PTO and that it has been assigned a serial number. Below are the dates that have been docketed for this application.*

**ACTION**

**Information Disclosure Statement**

**Filing Receipt Received?**

**First Office Action Received?**

**Notice to File Missing Parts Rec'd?**

**Certified Copy Due**

**DUE DATE DOCKETED**

5/4/04 - 8/4/2004  
 8/4/04 - 9/4/2004  
 8/4/2005  
 4/04/04  
 N/A

Docketed By:

*RMC*

Atty/Sec Approval: